

ABSTRACT

Materials and methods are provided for producing
patterned multi-array, multi-specific surfaces for use in
5 diagnostics. The invention provides for
electrochemiluminescence methods for detecting or measuring an
analyte of interest. It also provides for novel electrodes for
ECL assays. Materials and methods are provided for the chemical
and/or physical control of conducting domains and reagent
10 deposition for use multiply specific testing procedures.